

PUBLIC NOTICE

PERMIT APPLICATION NUMBER: NRS 08.208

APPLICANT: City of Knoxville
Department of Public Works
400 Main Street, Room 480
Knoxville, Tennessee 37902
865-215-2148

LOCATION: The proposed alterations are located along First Creek between Chickamauga Avenue and Emoriland Boulevard in the City of Knoxville, Knox County, Tennessee (Lat: 35.816667°, Long: -83.933333°)

WATERSHED DESCRIPTION: The aquatic resource proposed to be altered is First Creek and is located within the Watts Bar/Ft. Loudon/Little River (Upper Tennessee) watershed (HUC 06010201). First Creek is listed on the division's 303(d) list for nitrates, siltation, other anthropogenic habitat alterations, and e. coli due to discharges from municipal separate storm sewer systems (MS4) area, urbanized high-density area, and collection system failure. First Creek does not support all of its designated uses including fish and aquatic life and recreation. First Creek does support its designated uses for irrigation and livestock watering and wildlife. The Watts Bar/Ft. Loudon/Little River (Upper Tennessee) watershed has been classified for the following designated uses: fish and aquatic life, irrigation, livestock watering and wildlife, and recreation. Some waterbodies within this watershed have also been classified as domestic and/or industrial water supply. The predominant land uses in the Watts Bar/Ft. Loudon/Little River (Upper Tennessee) watershed are deciduous, evergreen, and mixed forest, agriculture consisting of pasture/hay and row crops, and low intensity residential.

PROJECT DESCRIPTION: The applicant proposes to partially restore the floodplain of First Creek by constructing a 40-foot wide high-flow bench for approximately 1900 linear feet of First Creek from Chickamauga Avenue to Emoriland Boulevard. The applicant also proposes to replace the existing bridge structure along Fairmont Boulevard, and construct a new bridge structure at Emoriland Boulevard.

Mitigation for the above referenced impacts will be conducted on-site and resources will be replaced in-kind.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality. This notice may be viewed on the internet at:

<http://www.state.tn.us/environment/wpc/ppo/arap>.

PERMIT COORDINATOR: Chip Hannah

USGS TOPOGRAPHIC QUADRANGLE: Fountain City, TN Quadrangle 146 - SW

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. **Written comments must be received within THIRTY (30) DAYS of the date that this notice is posted.** Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

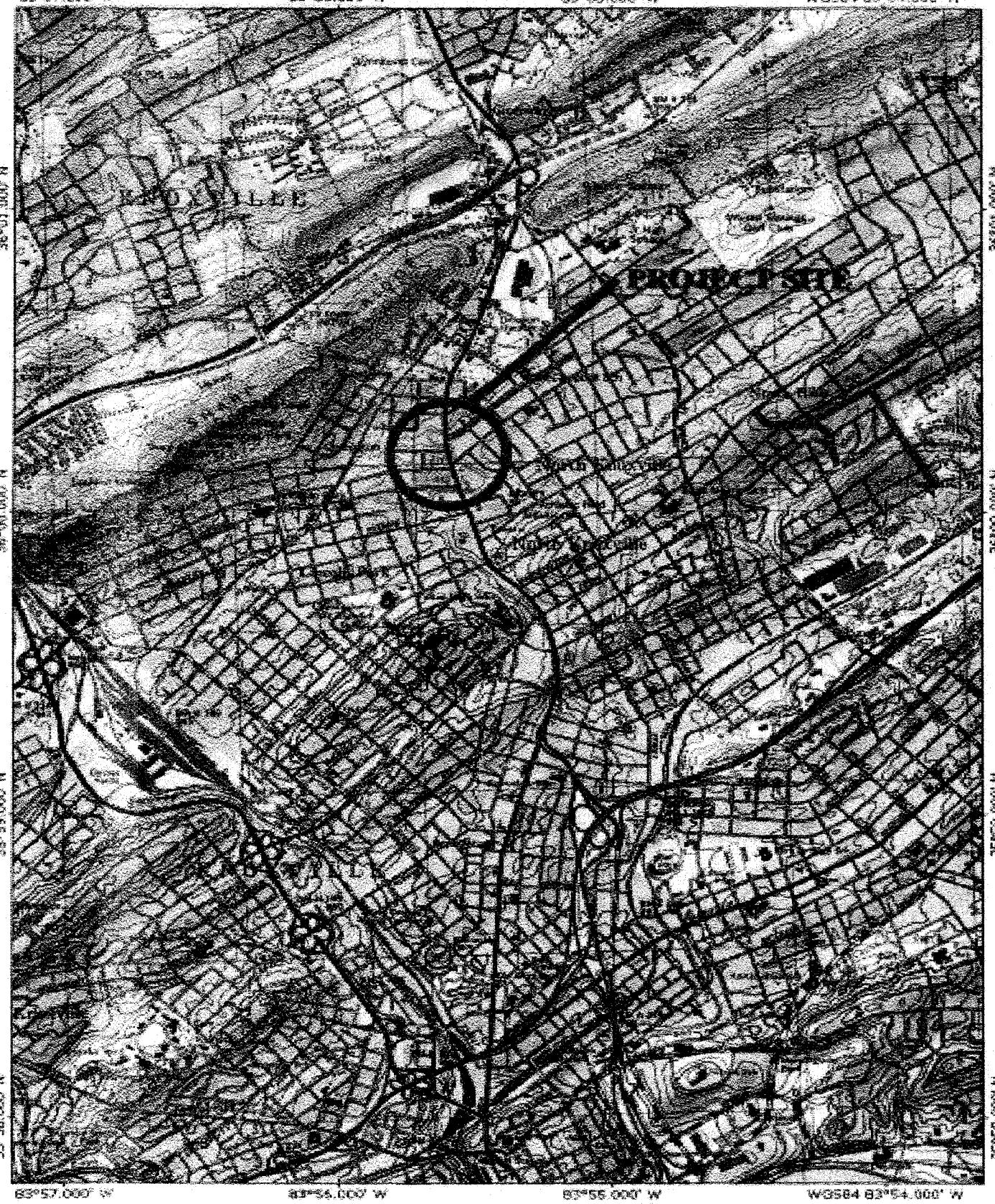
Topo map printed on 12/05/07 from "Untitled.tpo"

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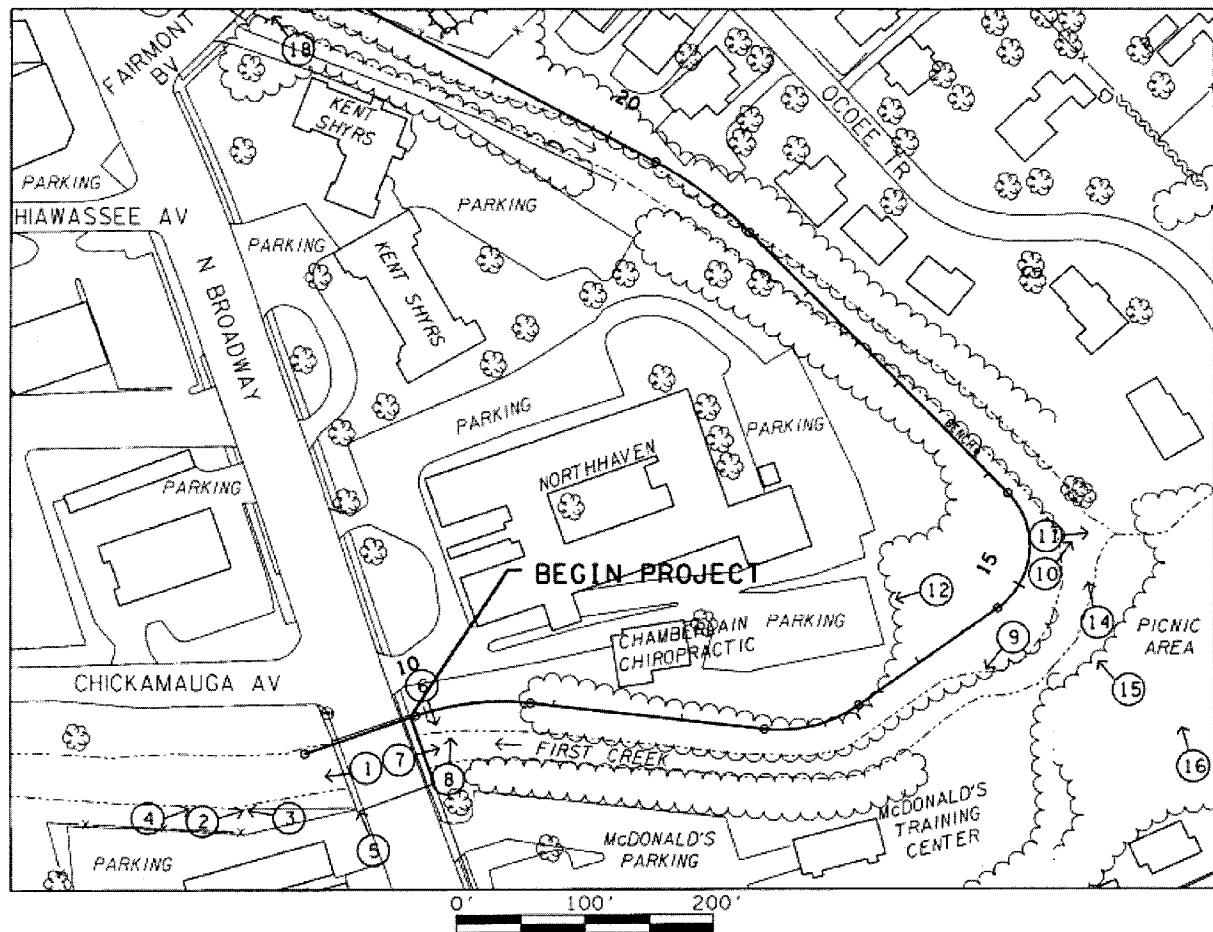
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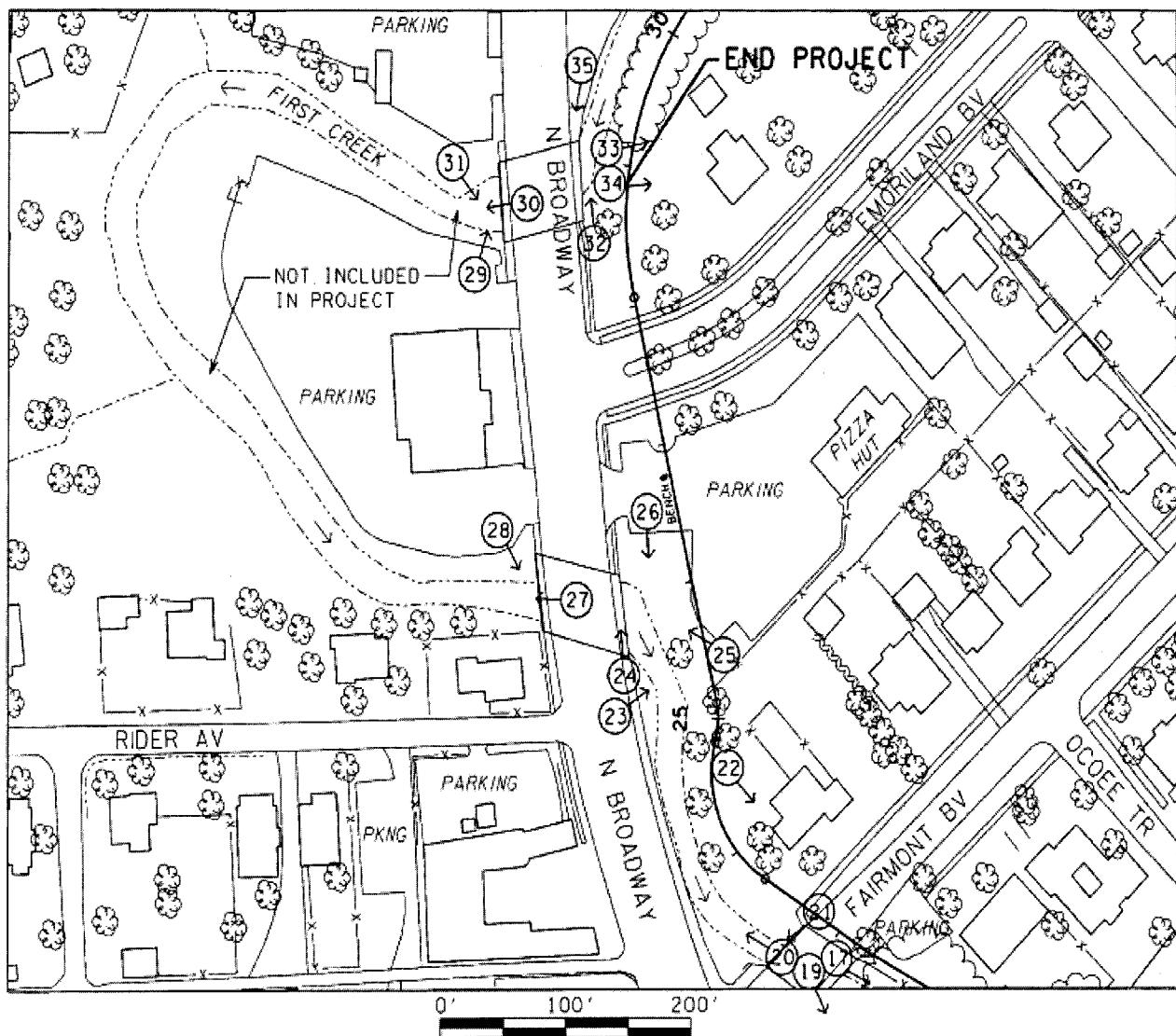
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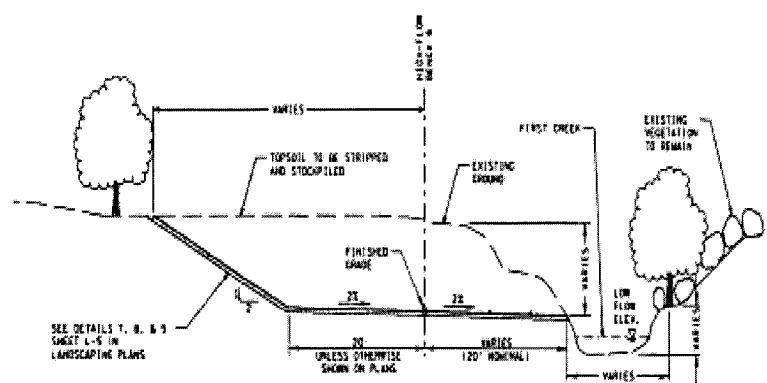


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Photo Location Map



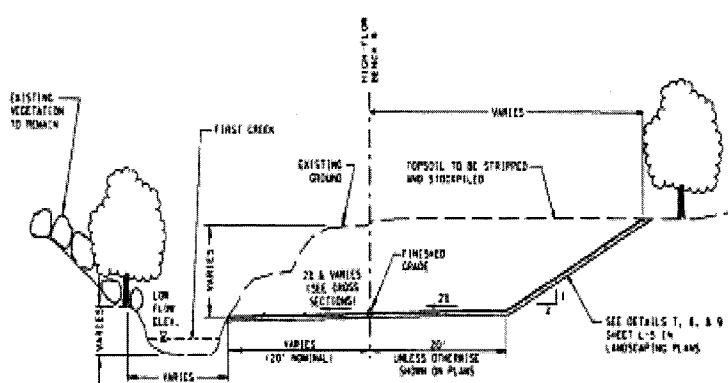
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Photo Location Map





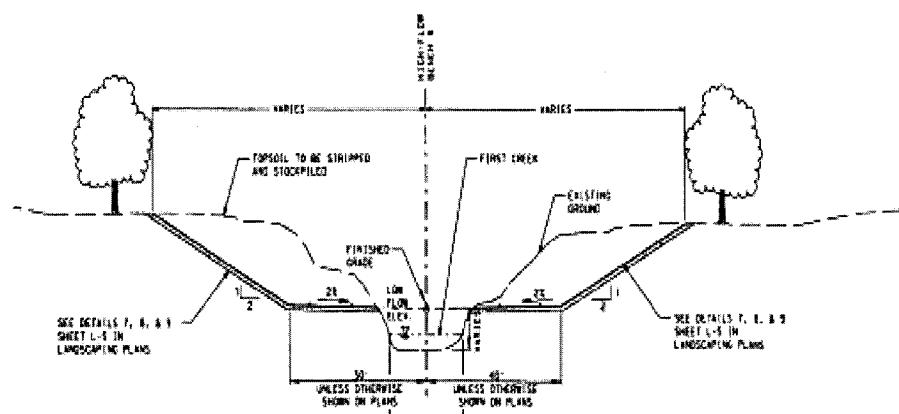
HIGH-FLOW BENCH
STA. 9+07.77 TO STA. 15+62.50

SCALE: 1" = 1'-0"



HIGH-FLOW BENCH
STA. 19+62.50 TO STA. 20+90.96

SCALE: 1" = 1'-0"



HIGH-FLOW BENCH
STA. 15+62.50 TO STA. 19+62.50

SCALE: 1" = 1'-0"



EXISTING PERMANENT
DRAINAGE POINT,
EXCL PLAT PELTZ SET.



PROPOSED PERMANENT
DRAINAGE POINT.

- (1) BROWNS CREEK CONDUIT
- (2) DINE ANDERS, UNMARKED
- (3) JOHN HILL, DINE, UNMARKED
- (4) KIRK MARTIN PARKING LLC
- (5) JAMES L. KIRKES
AND WIFE, UNMARKED & SOURCE

END CONSTRUCTION
STA. 28+90.96

REFERENCE POINTS

STA#-2	STA#-3	STA#-4	STA#-5	STA#-6	STA#-7	STA#-8	STA#-9
8 416,241.18	8 416,270.44	8 416,270.18	8 416,280.41	8 416,311.37	8 416,345.30	8 416,359.44	8 416,374.54
E 2,985,160.26	E 2,985,084.11	E 2,985,082.93	E 2,985,116.44	E 2,985,116.36	E 2,985,152.58	E 2,985,177.42	E 2,985,190.33
LLZ. 944.72	LLZ. 944.72	LLZ. 944.63	LLZ. 944.51	LLZ. 944.22	LLZ. 944.27	LLZ. 944.72	LLZ. 945.32

CHICKAMAUGA TO EMORILAND
FIRST CREEK
DRAINAGE IMPROVEMENTS

PRESENT LAYOUT
STA. 22+00 TO
STA. 28+90.96

PROJECT NUMBER SHEET 5 OF
08A-0-0450 103 SHEETS



W.M. ENGINEERING
Engineering • Land Surveying • Construction
1000 University Street • Suite 1000 • Seattle, WA 98101
(206) 467-1000 • Fax: (206) 467-1001
www.wmengineering.com

DESIGNED BY: JER
DRAWN BY: JER
CHECKED BY: JER
APPROVED BY: JER
DATE: 10/10/01
DRAWING NO.: 08A-0-0450-103

SCALE:
1" = 50'

NOTES:
 1. SEE SHEET 7 FOR FATHOMS AND FATHOMS ALIGNMENT DATA AND PROPOSED CHANNEL.
 2. SEE SHEET 8 FOR EMORILAND RELAYING.
 3. SEE SHEET 9 FOR DRAINAGE IMPROVEMENTS.
 4. SEE SHEET 10 FOR FATHOMS AND FATHOMS COLLECTING TYPICAL SECTION.

**END CONSTRUCTION
STA. 28+90.96**

REFERENCE POINTS

STATION	TOP-100	TOP-100	TRAIL-1	TRAIL-2	TRAIL-3	TRAIL-4	TRAIL-5
E 011-245.87	0 000.00	0 000.00	E 011-245.87				
E 011-245.26	0 000.00	0 000.00	E 011-245.26				
E 011-244.64	0 000.00	0 000.00	E 011-244.64				

STATION	TOP-100	TOP-100	TRAIL-1	TRAIL-2	TRAIL-3	TRAIL-4	TRAIL-5
E 011-245.87	0 000.00	0 000.00	E 011-245.87				
E 011-245.26	0 000.00	0 000.00	E 011-245.26				
E 011-244.64	0 000.00	0 000.00	E 011-244.64				

SCALE
 1" = 50'

DATE

10/10/01

**CHICKAMAUGA TO EMORILAND
FIRST CREEK
DRAINAGE IMPROVEMENTS**

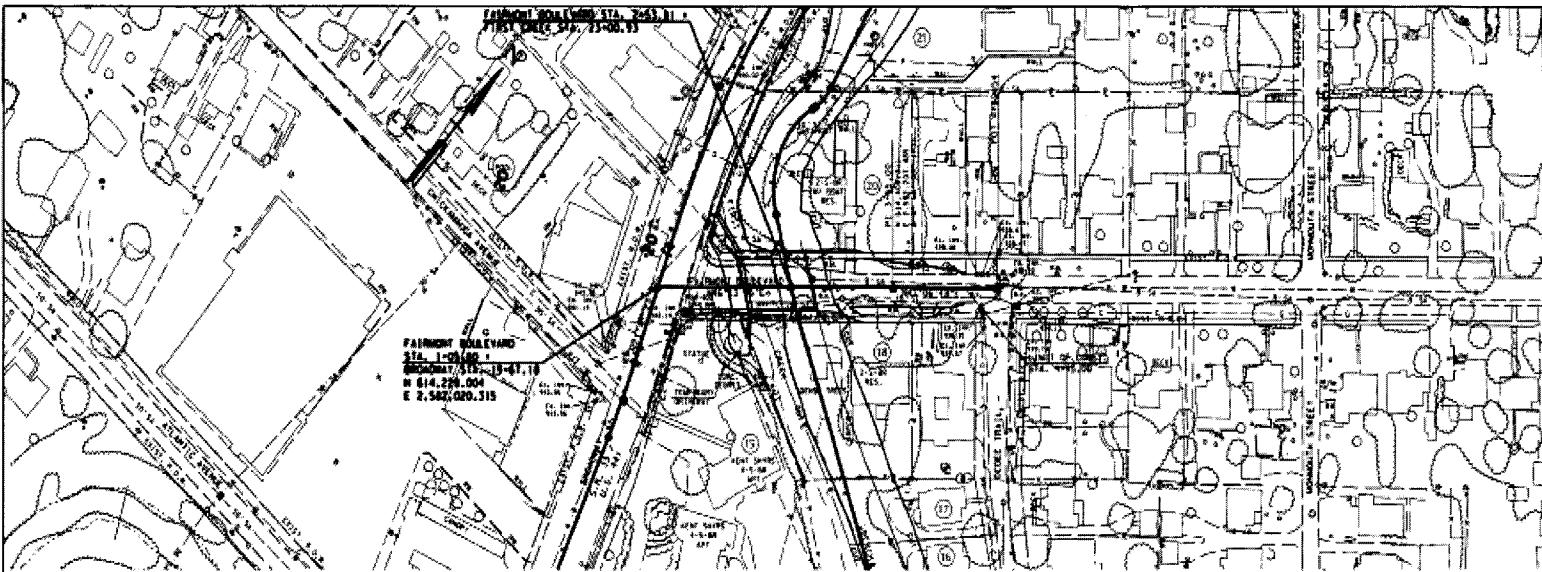
**PROPOSED LAYOUT
STA. 22+00 TO
STA. 28+90.96**

**PROJECT NUMBER
08A-D-0450
SHEET NO. OF
SHEET**



**GENERAL CONTRACTOR
JCM CONTRACTORS INC.
1000 W. 10TH ST.
FORT WAYNE, IN 46800
PHONE: (219) 421-1111
FAX: (219) 421-1111**

**DESIGNER
EMERSON CONSULTING
ENGINEERS
INC.
1000 W. 10TH ST.
FORT WAYNE, IN 46800
PHONE: (219) 421-1111
FAX: (219) 421-1111**



NOTE SEE SHEETS 10 AND 11 FOR PROPERTY BOUNDARIES.

PROPERTY OWNERS

- (1) BROADWAY COURT CONDOMINIUMS
- (2) CARLOS S. CONTRERAS AND DESIREE S. CONTRERAS
- (3) HESANO AND WIFE
- (4) DIANE RUTHERFORD UNMARKED
- (5) JERRY WILLIAM DOW UNMARKED
- (6) VICKI MARIE FULTON UNMARKED

W.M.

Wright & Associates, Inc.

1000 Peachtree Street, N.E.
Atlanta, Georgia 30367

Telephone: 404-572-1111
Telex: 23-71111

FAX: 404-572-1111

E-mail: WMA@AOL.COM

Facsimile: 404-572-1111

Internet: WWW.WMA.GA.COM

Project No.: 08A-0-0450

Sheet No.: 107

Date: 10/20/98

Scale:

1" = 50'

DATE:

DESIGNED: JEA

DRAWN: JEP

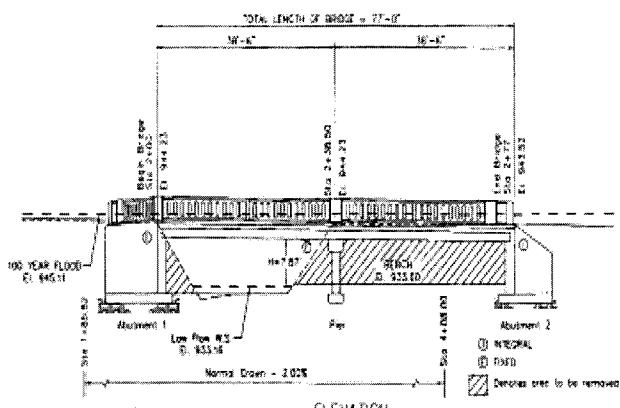
REV'D: MCH

MDC

CHICKAMAUGA TO EMORILAND
FIRST CREEK
DRAINAGE IMPROVEMENTS

FAIRMONT BOULEVARD
PRESENT LAYOUT

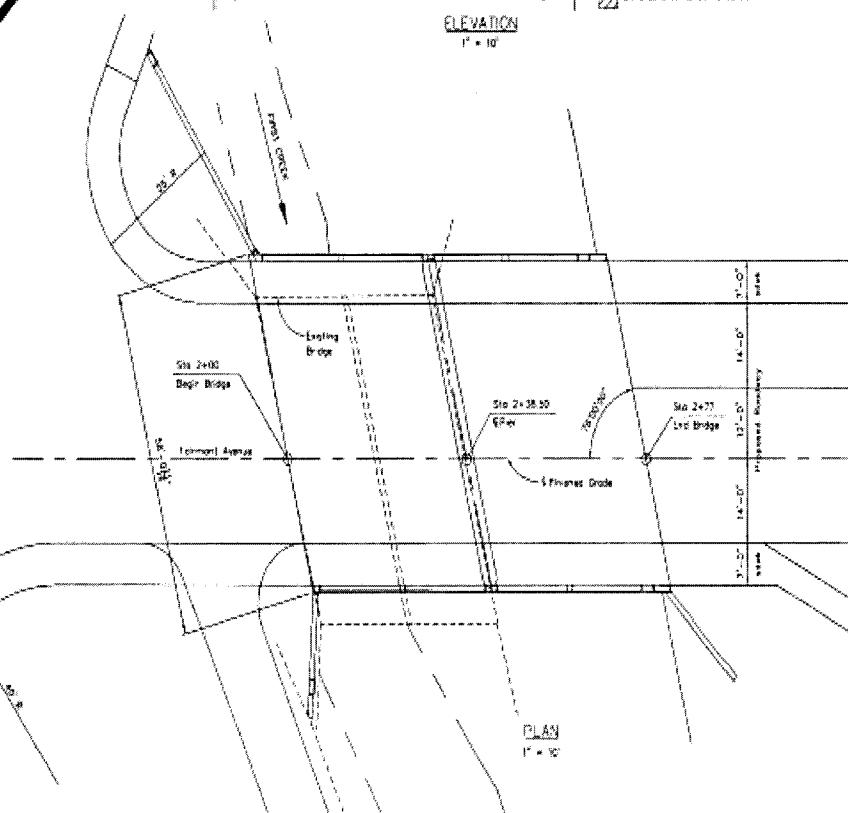
PROJECT NUMBER: 08A-0-0450
SHEET: 107
107 SHEETS



LIST OF DRAWINGS

DOC NO. REV DATE

LAYOUT OF BRIDGE
GENERAL NOTES & ESTIMATED QUANTITIES
SUPERSTRUCTURE
PRESTRESSED BEAM DETAILS
ABUTMENT 1
ABUTMENT 1 DETAILS
ABUTMENT 2
ABUTMENT 2 DETAILS
PIER DETAILS
BILL OF MATERIALS
BRIDGE RAIL DETAILS



LIST OF STANDARD DRAWINGS

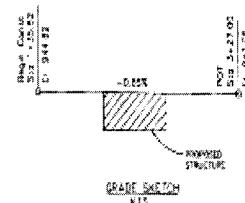
DOC NO. REV DATE

STD-4-1	4-08-05	STD PRECAST PRESTRESSED BRIDGE DECK PANELS GENERAL DETAILS
STD-4-2	4-08-05	STD PRECAST PRESTRESSED BRIDGE DECK PANELS DESIGN CRITERIA
STD-4-3	3-02-02	STD PRECAST PRESTRESSED BRIDGE DECK PANELS DESIGN CRITERIA
STD-4-4	8-10-98	STD PRECAST PRESTRESSED BRIDGE DECK PANELS CONSTRUCTION DET
STD-6-1	5-21-99	SEISMIC DETAILS - 1990
STD-9-1	12-19-94	REINFORCING BAR SUPPORT DETAILS FOR CONCRETE SLABS
STD-10-1	4-08-05	MISCELLANEOUS ABUTMENT AND DRAINAGE DETAILS

LIST OF SPECIAL PROVISIONS

DOC NO. REV DATE EXPLANATION

105A	12-15-97	APPROVAL OF SHOP DRAWINGS
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Designers of
Engineering Services
Planning Services
Construction Services
Surveying Services
Environmental Services

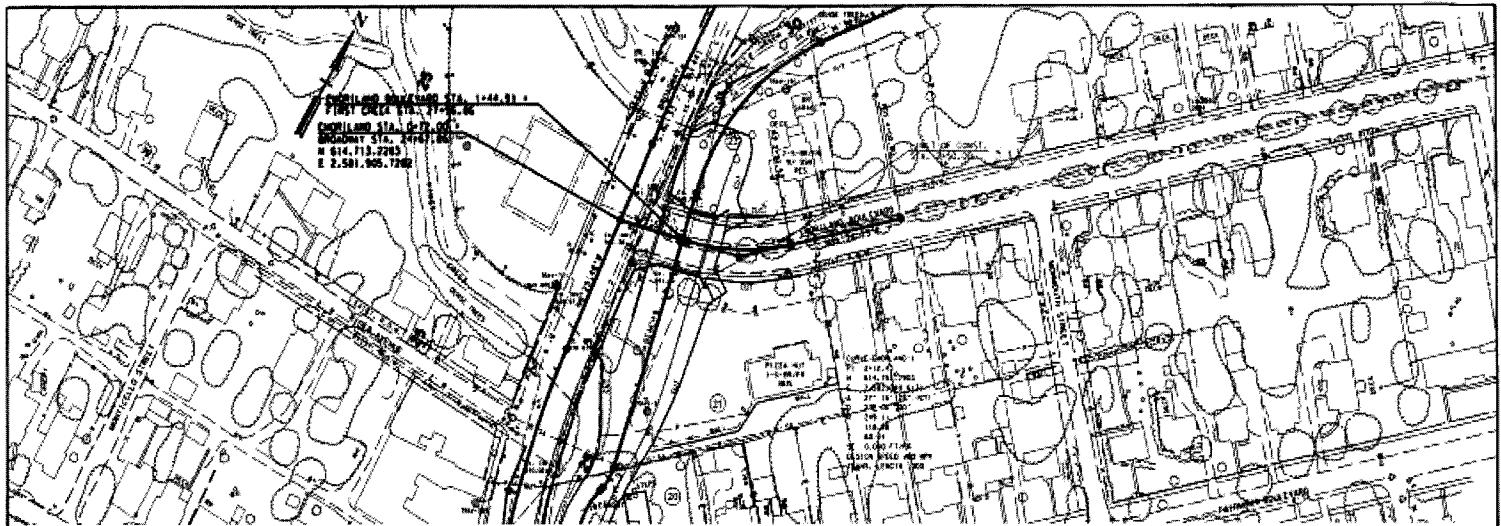
DESIGNERS

AMERICAN

CHICKAMAUGA TO EMORILAND
FIRST CREEK
DRAINAGE IMPROVEMENTS

FAIRMONT BOULEVARD
BRIDGE LAYOUT

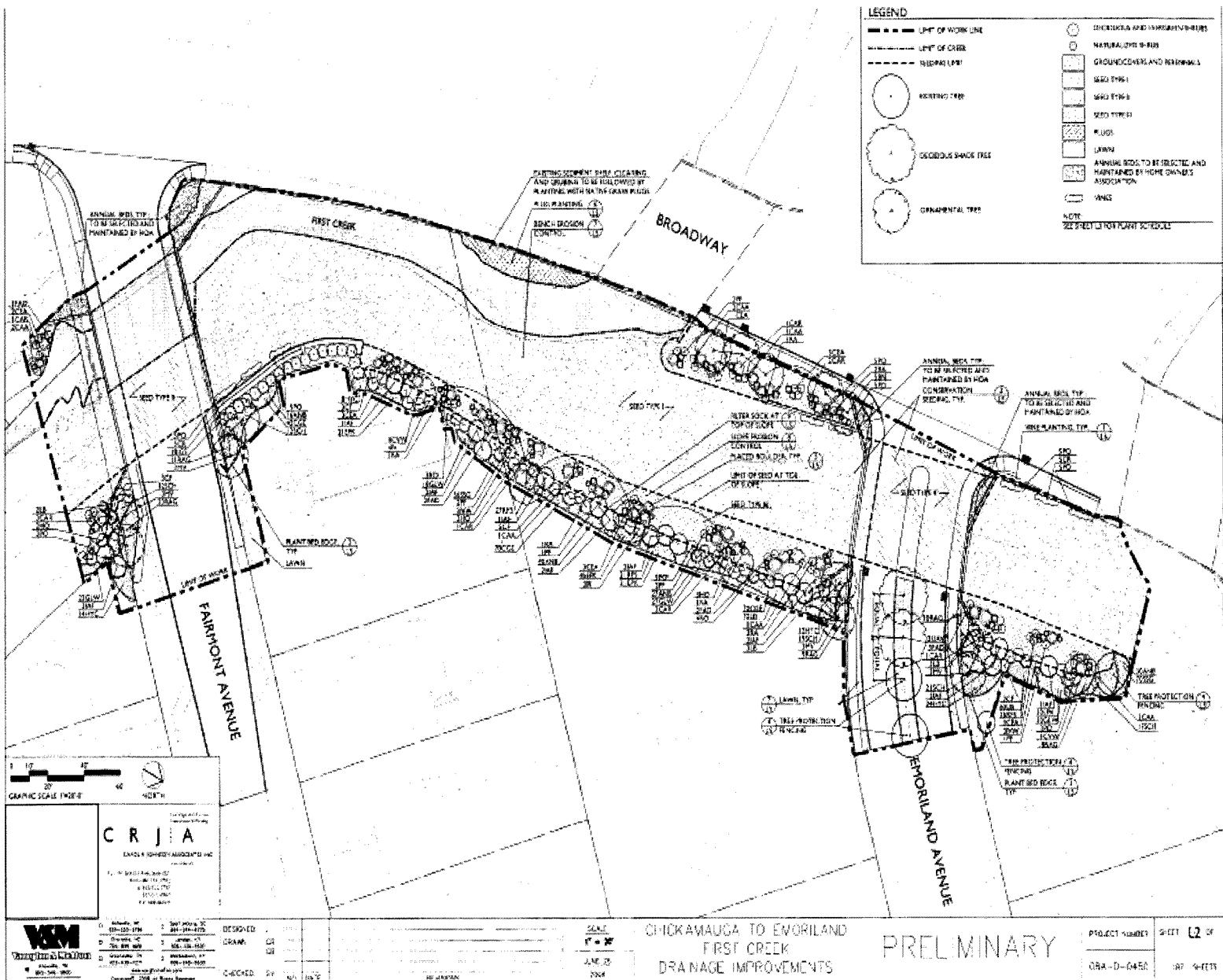
PROJECT NUMBER SHEET 18
084-0-0450 18



NOTE SEE SHEET 2 FOR PROPOSED CONDITIONS

PROPERTY OWNERS:
 ① BROWN WILHELM USA INC CHAMBERS
 ② UNTIL MASTER FUNDING LLC
 ③ MINNIE L. SHARPE AND WIFE, MARY ANN A. SHARPE

WSP		Engineering & Architecture		DESIGNED: JEX				SCALE: 1" = 50'	CHICKAMAUGA TO EMORILAND FIRST CREEK DRAINAGE IMPROVEMENTS		<u>EMORILAND BOULEVARD PRESENT LAYOUT</u>		PROJECT NUMBER	SHEET # OF	
1. Project No.	2. Drawing No.	3. Drawing Date	4. Drawing Type	DRAWN BY	REV'D BY	APPROVED BY	checked	REVISIONS	DATE	REVISIONS	DATE	REVISIONS	DATE	08A-D-0450	107 SHEETS
100-00000000	08A-D-0450	10/20/2011	10/20/2011	JEX	HCP	HCP	DAJ	0004	10/20/2011	0004	0004	0004	0004		



PLANT LIST

CITY STATE	SCIENTIFIC NAME	COMMON NAME	SIZE	NOTE
ORNAMENTAL TREES				
1. GA VALLEY FORGE AT&T BEAM MUR	VALLEY FORGE AT&T BEAM MUR	10' CAL	FULL CROWN, DCH CENTRAL LEADS, BLD	
ORNAMENTAL TREES				
1. GA BETULUS NIGRA	BETULUS NIGRA	WHITEBARK BIRCH	10' HT.	POLLINATOR, HABITAT
2. GA CORYNATAGLA VENDE WINTER KING	CORYNATAGLA VENDE WINTER KING	WHITE KING GREEN HAWTHORN	10' CAL	FULL CROWN, BLD
3. GA FRASERIA YOUNGIANA	FRASERIA YOUNGIANA	SWEETBAY MAGNOLIA	20' HT.	MULTI-STEMMED, BLD
EMERGENT TREES				
4. GA LEX X KATONAH YESTER DAY	LUXURIOUS	POLE BIRCH HOLY	8' HT.	FULL, BRANCHING TO GROUND, BLD
SHRUBS AND FERNAGERSHUBS				
5. GA CALYCANTHUS FRAGRANS	CALYCANTHUS FRAGRANS	SWEETBRIAR	10' HT.	FULL PLANTS, BLOOMING
6. GA HYDRANGEA QUINQUEDRALLA	HYDRANGEA QUINQUEDRALLA	CLIMBING HYDRANGEA	10' HT.	FULL PLANTS, BLOOMING
7. GA LEX GLORIA SHAWROCK	LEX GLORIA SHAWROCK	BUSHY	10' HT.	FULL PLANTS, BLOOMING
8. GA LEX VERTICILLATA WINTERMAY	LEX VERTICILLATA WINTERMAY	WINTERBERRY HOLLY	10' HT.	FULL PLANTS, BLOOMING, MALE POLLINATOR
9. GA ILEX AGRIFOLIA	ILEX AGRIFOLIA	YERGUA PLUMBER	10' HT.	FULL PLANTS, BLOOMING
10. GA AMELIA BONANZA	AMELIA BONANZA	SMOKETREE	10' HT.	FULL PLANTS, BLOOMING
11. GA PHRYNOCEPHALUS OPHIOBLADIS	PHRYNOCEPHALUS OPHIOBLADIS	COPPER HINDEA	10' HT.	FULL PLANTS, BLOOMING
12. GA RICINOCARIS	RICINOCARIS	CLOWN CLARY	10' HT.	FULL PLANTS, BLOOMING
NATURALIZED SHRUBS				
13. GA CALYCANTHUS SINENSIS	CALYCANTHUS SINENSIS	AMERICAN BEAUTYBERRY	10' HT.	FULL PLANTS, BLOOMING
14. GA CESTRUS AMERICANA	CESTRUS AMERICANA	INDIGO	10' HT.	FULL PLANTS, BLOOMING
15. GA CESTRUS ALBIFLORUS	CESTRUS ALBIFLORUS	INDIGO BEE BUSH	10' HT.	FULL PLANTS, BLOOMING
16. GA ECHINACEA PURPUREA	ECHINACEA PURPUREA	PURPLE CONEFLOWER	10' HT.	FULL PLANTS, BLOOMING
17. GA ECHINACEA PURPUREA	ECHINACEA PURPUREA	WHITE CONEFLOWER	10' HT.	FULL PLANTS, BLOOMING
18. GA POTENTILLA APTERA	POTENTILLA APTERA	SHRUB CHICKADEE	2' HT.	FULL PLANTS, BLOOMING
19. GA ANISAGRAMMEA	ANISAGRAMMEA	SHRUB SILENE	2' HT.	FULL PLANTS, BLOOMING
PERENNIALS				
20. GA CAMPANULA RADicans	CAMPANULA RADicans	BUDDLEIA	10' HT.	SPRING BLOOMING, CONT.
21. GA PARTHENOCISSUS QUINQUEPOLIA	PARTHENOCISSUS QUINQUEPOLIA	VIRGINIA CREEPER	10' HT.	SPRING BLOOMING, CONT.
GROUNDCOVERS/PERENNIALS				
22. GA ASTILBE CHAMAECALYX	ASTILBE CHAMAECALYX	BLUE DAWN ASTER	10' CAL	SPACES IN GROUNDS
23. GA COMOSA GRAHAMIIKA SALT SPRING	COMOSA GRAHAMIIKA SALT SPRING	TONSED	10' CAL	SPACES IN GROUNDS
24. GA ECHINACEA PURPUREA TIPS FARI HEAVY	ECHINACEA PURPUREA TIPS FARI HEAVY	COMFORTER	10' CAL	SPACES IN GROUNDS
25. GA GALEUM UNIFOLIAPPINUM WHITING BUTTERFLY	GALEUM UNIFOLIAPPINUM WHITING BUTTERFLY	WHITE CLOVER	10' CAL	SPACES IN GROUNDS
26. GA HYPERICUM CALYCOSUM	HYPERICUM CALYCOSUM	ST. JOHN'S WORT	4' CAL	SPACES IN GROUNDS
27. GA JASMINUM SPECTRUM	JASMINUM SPECTRUM	GATTLAHER	10' CAL	SPACES IN GROUNDS
28. GA LYSIMACHIA GRANDIFLORA	LYSIMACHIA GRANDIFLORA	GRD-LW FRAGRANT SUMAC	10' SPACES	AS COMP. SPACES IN GROUNDS
29. GA LYTHRUM SALICARIA VAR. SILENTIA	LYTHRUM SALICARIA VAR. SILENTIA	BLACK PINE SUGAR	10' CAL	SPACES IN GROUNDS
30. GA LYTHRUM SALICARIA	LYTHRUM SALICARIA	CHIAHUA COLEOPHERY	10' SPACES	AS COMP. SPACES IN GROUNDS
31. GA LYTHRUM SALICARIA	LYTHRUM SALICARIA	DWARF GOLDENROD	10' CAL	SPACES IN GROUNDS
PLANTS				
32. GA EUDROMIA ARISTATA	EUDROMIA ARISTATA	SHOWY TICKLED SUNFLOWER	SPACES IN GROUNDS	
33. GA EUPhorbia corollata	EUPhorbia corollata	LIPSEY'S	SPACES IN GROUNDS	
34. GA HYDRANGEA macrophylla	HYDRANGEA macrophylla	ROSE MALLOW	SPACES IN GROUNDS	
35. GA JUNCUS COMPTUS	JUNCUS COMPTUS	LEATHER BUNCH	SPACES IN GROUNDS	
36. GA JUNCUS effusus	JUNCUS effusus	SOFT RUSH	SPACES IN GROUNDS	
37. GA PANICUM ANCEPS	PANICUM ANCEPS	BAKER'S PARM GRASS	SPACES IN GROUNDS	
38. GA PANICUM AGRESTE	PANICUM AGRESTE	MID-TOP PARM GRASS	SPACES IN GROUNDS	
39. GA PHEGopteris MARINA	PHEGopteris MARINA	MEADOW BEAUTY	SPACES IN GROUNDS	
40. GA VERSATILIS	VERSATILIS	MOOLGRASS	SPACES IN GROUNDS	

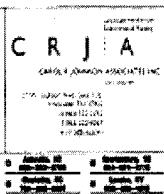
SEED MIXES

ITEM #	DESCRIPTION
X-2	TALL PERENNIAL KENTUCKY BLUEGRASS BLD
ANNUALS TO BE SEEDED AND MAINTAINED IN HOA	

ITEM #	SCIENTIFIC NAME	COMMON NAME	PERCENTAGE OF MIX
100	SOLODAYCYNTHUS SOLIDAGINIFOLIA	LITTLE BLISTER	10%
101	ANOGARDUS GENISTIDI	EG BLISTER	10%
102	SOEGESTRUM INERME	INDIAN GRASS	10%
103	ELMUS NIGRUS	SKUNK WILDE RYE	10%
104	SPICIGRASS INERME	ROUGH GRASS	10%
105	KARTERIA PRINATA	GREY HEADING COTTONGRASS	10%
106	RUBUS FRUTICOSA	BLK STEELED SUGAR	10%
107	TRIDENS FLACCUS	PURPLE TOP	10%
108	LUNARIA POLYPHYLLA	BIGEAR LUPINE	10%
109	MEMBRANA PELLUCIDA	WILD BUCKWHEAT	10%
110	CONVolvulus SWEETBRIAR	LILAC-LEAFED TEASER	10%
111	CONVolvulus LANATIFOLIA	LANCE-LAVED CROWN	10%
112	MATHENIA INTERGRIPOLIA	WILD CLOVER	10%
113	ACERIA TUBerosa	BUTTERFLY MILKWEED	10%
114	SPRING ALICEAE	SPRING WILD IRIS	10%
115	LEPTOCELEA CAPITATA	ROLAND-EDD LEADERZA	10%
116	MONTIBURIA APPLICATUS	ANNA ACHIMI BIRD'S EYES	10%
117	ATRIPERENAN-HEDERA	CREAG KITE	10%
118	HELICHRYSUM HELIANTHOIDES	ORANGE SUNFLOWER	10%
119	PANICUM CAPITATUM	BROWN THISTLETOP	10%

SEED LINE II WHICH SEEDING PERIODIC PLANTATION WITH SHADE: 15% BLOOM

ITEM #	SCIENTIFIC NAME	COMMON NAME	PERCENTAGE OF MIX (%)
120	PANICUM CLADODELIUM	DRY TONGUE	10%
121	PANICUM EGREGIUM	EDGETOP GRASS	10%
122	PANICUM CELESTIS	FRINGED Brome	10%
123	ELMUS FRAGILLIS	VIRGINIA ELME	10%
124	LINUM LATIFOLIUM	EMPA OATS	10%
125	ELMUS HISTRIX	RED LITTLEBIRD GRASS	10%
126	POULINA MACROPHYLLA	JUNE GRASS	10%
127	PANICUM ANCEPS	STRIED PARM GRASS	10%
128	PANICUM PESTUOSA	WILD BURGARD	10%
129	PARROTIA DISCOLOR	WHITE BEADED TONGUE	10%
130	PINGUE TRICHOCARPOS	RING-THIGHED LARKSPUR	10%
131	PANAX ALLEGAE	APALACHIAN BURNDY TONGUE	10%
132	APONANTHUS	THINNLEAF	10%
133	APONANTHUS	WHITE AVENIA	10%
134	HELIANTHUS HIRSUTUS	DAIRY SUNFLOWER	10%
135	TRAILLEA CAESIA	TRAILLEA CAESIA	10%
136	MONACHIA ADONIZIDES	NEW IRISH MONKLEAF	10%
137	PANICUM PARVIFLORUM	BROWN TOP MILLET	10%



SCALE

CHICKAMAUGA TO EMORLAND
FIRST CREEK

PRFI IMINARY

PROJECT NUMBER